

L 1113-66 EWT(1)/EWA(h)

ACC NR: AP5025668

UR/0167/65/000/004/0019/0022

AUTHOR: Dzhabarov, N. G.

TITLE: Delay lines on magnetic cores with rectangular hysteresis loop

SOURCE: AN UzSSR. Izvestiya. Seriya tekhnicheskikh nauk, no. 4, 1965, 19-22

TOPIC TAGS: circuit delay line, magnetic core, digital computer, magnetic hysteresis, hysteresis loop

ABSTRACT: The delay lines (DL) used in the control, adder, and shift-register circuits of electronic digital computers represent a filter  $\pi$  consisting of inductances  $L$ , capacitances  $C$ , and matching resistor  $R$ . These DL display certain major shortcomings: 1) the pulse delay time depends on the parameters,  $L$  and  $C$ ; and 2) the pulse is attenuated and distorted in the DL. Hence the problem of designing simpler and more convenient DL. In this connection the author proposes two variants of ferrite core-based DL with rectangular hysteresis loop: 0.3  $\mu$ sec DL and controlled magnetic DL with a strobe pulse, both operating on the principle of delayed change in magnetic induction following the admission to the core winding of a current pulse with a sufficiently steep wavefront. Experimental findings indicate that both variants are operationally reliable and, compared with electromagnetic DL, display the following advantages: 1) the delay time is a function of the time of admission of the strobe pulse; 2) the pulse in the DL is shaped and not distorted and can be amplitude-regulated; 3) the design and production of these DL are simple. Orig. art. has: 2 figures,

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L 4113-66

ACC NR: AP5025668

9 formulas.

ASSOCIATION: Uzbekskiy nauchno-issledovatel'skiy institut energetiki i avtomatiki  
(Uzbek Scientific Research Institute of Energetics and Automation)

SUBMITTED: 02Mar65

ENCL: 00

SUB CODE: EC, DP

NO REF SOV: 003

OTHER: 000

2/2

DZHABAROV, S.G.

Unit for the hydromechanical cleaning of tank bottoms of petroleum products and petroleum. Transp. i khran. nefti i nefteprod. no.10: 25-28 '64. (MIRA 17:12)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike bezopasnosti v neftyanoy promyshlennosti.

KADYKOV, G.K.; OZHABKOVA, L.A.

Effect of the blocking of retinal receptors on the electrical activity  
of the reticular structures of the brainstem. Trudy Sekt. Fiziol. MN  
Sovetsk. SSR 7:148-155 '63. (MIRA 17:10)

ZEYNALOV, B.K.; DZHABAROVA, G.Kh.

Synthesis of esters (plasticizers) based on synthetic  
acids. Azerb. khim. zhur. no.2:55-60 '63. (MIRA 16:8)

DZEHAROVA, Kh. S.

Some data on Maykop vegetation based on a spore-pollen analysis in the Yalama area (Azerbaijan). Dokl. AN Azerb. SSR 16 no.1:57-60 '60. (MIRA 13:6)

1. Institut geologii AN Azerbaydzhanskoy SSR. Predstavleno akad. AN Azerbaydzhanskoy SSR M.M. Aliyevym.  
(Yalama Region--Paleobotany, Stratigraphic)

DZHABAROVA, Kh.S.

Some data on the flora of middle Sarmatian deposits in the Astrakhan-Bazar region (Azerbaijan). Dokl. AN SSSR 134 no.5:1166-1168 O '60.  
(MIRA 13:10)

1. Institut geologii im. I.M.Gubkina Akademii nauk AzerbSSR. Predstavleno akademikom V.N.Sukachevym.  
(Astrakhan-Bazar region--Paleobotany, Stratigraphic)

ISMAIL-ZADE, T.A.; DEHABAROVA, Kh.S.

Relation between critical magnetic induction field intensity and data from a spore-pollen analysis of Maikop and Sarmatian sediments of the Talysh Mountains. Dokl. AN Azerb. SSR 16 no. 11:1079-1081 '60. (MIRA 14:2)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN AzerSSR M.-A. Kashkayem.  
(Talysh Mountains--Pollen, Fossil)  
(Magdalen, Terrestrial)



DZHABAROVA, Kh.S.

Spore-pollen complexes of Sarmatian sediments in the Kura and Iori  
sediments; Chobandag and Katar areas. Izv.AN Azerb.SSR. Ser.geol.-  
geog.nauk i nefti. no.4:63-72 '61. (MIRA 15:1)  
(Kura Valley--Palynology) (Iori Valley--Palynology)

DZHABAROVA, Kh.S.; KASUMOVA, G.M.

---

Additional materials on fossil plants from Maikop deposits of the Talysh based on plant imprints and palynological data. Dokl. AN Azerb. SSR 17 no. 11: 1081-1083 '61. (MIRA 15:2)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR Sh. F. Mekhtiyevym.  
(Talysh Mountains---Paleobotany, Stratigraphic)

MAMEDOV, A.V.; DZHABAROVA, Kh.S.

Stratigraphy of Lower and Middle Sarmatian sediments in the  
Molladag area (Kura-Iori interfluve) based on data on fauna and  
spore-pollen analysis. Report 1. Uch.zap. AGU. Geol.-geog.ser.  
no.4:47-55 '60. (MIRA 15:9)

(Kura Valley--Geology, Stratigraphic)

(Iori Valley--Geology, Stratigraphic)

ALIYEV, A.A.; DZHABAROVA, Kh.S.

Petrography and the spore-pollen complex of Lower Sarmatian  
sediments in Kuba District. Uch. zap. AGU. Ser. geol. geog.  
nauk no.1:33-40 '61. (MIRA 16:8)

DZHABAROVA, M. Sh.

Training of specialized engineers and technicians for the  
clothing industry. Shvein.prom. no.3:32-33 My-Je '62.  
(MIRA 15:6)  
(Tashkent--Textile schools) (Clothing industry)

DZHALIL-ZADE, G.N.; ASKEROV, A.G.; RAGIMOV, A.I.; NADZHAFOV, N. I.;  
DZHABAROVA, N.M.

- Effect of depth on technical and economic indices of test well  
drilling. Trudy AzNII DN no.9:194-202 '60. (MIRA 14:5)  
(Azerbaijan—Oil well drilling)

ALEKPEROVA, S.A.; ZUL'FUGAROV, Z.G.; AKHUNDOVA, T.S.; DZHABAROVA, R.D.

Effect of the discharge of activating acid on the activity of  
gilyabi of Bayram-Ali and Kobystan deposits. Azerb. khim. zh'r.  
no.3:96-100 '65. (MIRA 19:1)

1. Azerbaydzhanskiy gosudarstvennyy universitet imeni S.M. Kirova.

ALLANOV, A.; DZHABAROVA, V.V.

Comments on M.A.Tkachuk's article "Stratigraphy of the Paleogene deposits of the Maryyskaya region." Izv.AN Turk.SSR.Ser.fiz.-tekhn., khim.i geol.nauk no.3:123-125 '63. (MIRA 17:3)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany neдр pri Sovete Ministrov Turkmenskoy SSR.



DEHABERROV, G.; KADYROV, Sh.; E.HONBOBOYEV, K., red.

[Concise manual on the primary processing of cotton]  
Inkhtani dastlabki ishlash kiskacha spravochisi.

Toshkent, Uzdevnashr, 1964. 265 p. [in Uzbek]  
(MIRA 17:11)

DZHAHAR-ZADE, A. M.

Dzhabar-Zade, A. M. "The dynamics of the reticulocytes in the 'akrikhin' treatment of malaria in children," Trudy Azerbaydzh. nauch.-issled. in-ta okhrany materinstva i mladenchestva i pediater. kafedr Azerbaydzh. med. in-ta, Baku, 1949, p. 93-101, (Resume in Azerbaijani).

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

DZHABARZADE, A. M.

"Hyperelastic Skin. " Cand Med Sci, Azerbaydzhani Medical Inst, Baku,  
1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

DZHABARZADE, D. A.

USSR/Engineering  
Pumps - Testing  
Vacuum Apparatus  
Aug 1947

"Vacuum Tests of Valves of Deep Pumps," D. A. Dzhabarzade, R. S. Grigor'yan, 2 pp

"Azerbaydzhan Neft Khozyaystvo" No 8 (254)

It is necessary to maintain constant check on the conditions of valves. Up to now, however, all methods have been rather primitive. Engineer B. D. Dadaev, AzNIL, at Factory imeni Dzerzhinskiy, developed a new testing device which works on a vacuum theory. The authors state that this new type of vacuum apparatus is simple and gives good checks on the condition of

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USSR/Engineering (Contd)  
Pumps - Testing  
Vacuum Apparatus  
Aug 1947

the valves, and that in the near future this testing device be supplied to all field units. Two diagrammatic sketches of the apparatus.

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DZHAHARZADE, D.A.; LITROVENKO, M.G.; FAYERMAN, I.L.

Capacity of 20 KHN shot peened sucker rods. Trudy AzNII DN  
no.6:192-199 '57. (MIRA 12:12)  
(Sucker rods) (Shot peening)

DZHABAR-ZADE, R.M.

Method of forecasting meteorological elements based on the hypothesis of quasi-solenoidal motion. Trudy TSIP no.106:32-36 '60.

(Atmospheric pressure)

(MIRA 13:12)

*DZHABARZADE, R.M.*

PHASE I BOOK EXPLOITATION

SOV/5962

Vsesoyuznoye soveshchaniye po vychislitel'noy matematike i primeniyu sredstv vychislitel'noy tekhniki, Baku, 1958.

Trudy (Transactions of the All-Union Conference on Computer Mathematics and Applications of Computers) Baku, Izd-vo AN Azerbaydzhanskoy SSR, 1961. 254 p. 500 copies printed.

Sponsoring Agency: Akademiya nauk Azerbaydzhanskoy SSR. Vychislitel'nyy tsentr.

Eds.: A.A. Dorodnitsyn, S.A. Aleskerov, and K.F. Shirinov; Ed. of Publishing House: A. Til'man; Tech. Ed.: T. Ismailov.

PURPOSE: The book is intended for mathematicians and other specialists interested in computer theory and uses for computers.

COVERAGE: The book contains the texts of 24 papers presented at the All-Union Conference on Computer Mathematics and Applications of Computers held in Baku, 3-8 Feb 1958. The "Resolution"

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Transactions of the All-Union (Cont.)

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of the conference, consisting of proposals for accelerating the development of computer mathematics and computer engineering, is also included.

TABLE OF CONTENTS:

Khalilov, Z.I. Introductory Remarks 7

Dorodnitsyn, A.A. Problems of Computer Technology 9

PART I. COMPUTER MATHEMATICS

Vekilov, Sh.I. Boundary Problem of the Laplace Equation for a Composite Region 14

Dzhabarzade, R.M. The Use of Computers for Operational Weather Forecasting 20

Korolyuk, V.S. Construction of Logic Problem Algorithms 23

Card 2/6



3.5400

S/194/61/000/011/027/070  
D209/D302

AUTHOR:

Dzhabarzade, R.M.

TITLE:

Application of computers in operational weather forecasts

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 11, 1961, 42, abstract 11 B330 (Tr. Vses Soveshchaniya po vychisl. matem. i primeneniyu sredstv vychisl. tekhn., Baku, AN Azerb SSR, 1961, 20-22)

TEXT:

It is noted that with the advent of fast computers, it is possible to forecast the meteorological elements (pressure, wind velocity, temperature etc.) not by synoptic, but by dynamic meteorology methods that call for solving complex and tedious mathematical problems. The basic equations that connect the meteorological elements are the equations of motion of heat continuity, state and flow. It is shown that analysis and processing of the initial information is solved by so-called programs of "objective analysis" ✓  
B

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Application of computers...

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D209/D302

of meteorological charts". Based on the data from the meteorological station (pressure and wind velocity) the programs determine the pressure in the nodes of the regular mesh whereby the pressure is found accurately, taking into account the wind information and the assumption about the wind gradient. It is shown that one of the programs enables filtration of the data received as well as the use of the data from the preceding forecast for the purpose of completion and correction of the information obtained from the meteorological station. After the "objective" analysis the time T forecast is carried out. There are many variants of the forecast of meteorological elements which depend on simplification of the initial forecast equations and on the area for which the forecast is intended. As an example a system of forecast equations is given. [Abstracter's note: Complete translation]

✓  
B

Card 2/2

33062

S/169/61/000/012/063/029  
D228/D305

3,5000

AUTHOR:

Dzhabar-Zade, R. M.

TITLE:

Objective analysis of synoptic maps

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 12, 1961,  
59, abstract 12B370 (Tr. Arkt. i antarkt. n.-i.  
in-ta, 1961, 240, 49-51)

TEXT: The principle of the programming of the objective anal-  
ysis of observational material for a limited territory is de-  
scribed. The prognostic equations are solved on a regular net-  
work. The irregularly disposed meteorologic data are interpolated  
into the units of the regular network with an allowance for their  
previous history. The value of the function at a regular point  
i will be determined by the formula:

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Objective analysis of...

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$$u_i = \sum_{j=1}^k \mu_{ij} u_{ij}$$

where  $\mu_{ij}(x,y)$  depends only on the mutual location of the neighboring  $k$ -points and is determined definitively by solving the system of algebraic equations of the  $k$ -series. When  $k = 3$ , we have a linear interpolation; if  $k < 3$ , the harmonic polynomial may be taken as the neighboring point. The actual pressure at the  $i$ -unit is determined from the formula:

$$p_{act. i} = \frac{v_{i1} p_{1i} + v_{i2} p_{2i} + v_{i3} p_{3i}}{v_{i1} + v_{i2} + v_{i3}}$$

where  $p_{1i}$  is the interpolated value of the pressure at the

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Objective analysis of...

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D228/D305

i-unit.  $p_{2i}$  is the value of the normal pressure,  $p_{3i}$  is the value of the previous forecast, and  $v_{ij}$  are statistically determined constants. The value of  $p_{act}$  obtained at one level is coordinated with the data for the other levels by the formulas of dynamic meteorology or statistical methods. [Abstracter's note: Complete translation.]

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32157

16 3550

S/044/62/000/005/017/072  
-C111/C333

AUTHOR: Dzhahar-zade, R. M.  
TITLE: On the solution of the Dirichlet problem for a non-linear elliptical equation of second order  
PERIODICAL: Referativnyy zhurnal, Matematika, no. 5, 1962, 62, abstract 5B287. ("Dokl. AN Azerb SSR," 1961, 17, no. 5, 371-373)  
TEXT: The solution of the Dirichlet problem for a non-linear differential equation of second order

$$F(x, y, z, p, q, r, s, t) = 0 \quad (1)$$

is considered. It is assumed that: a)  $F$  is an analytic function of its arguments in a domain the projection of which on the  $x, y$  plane is denoted by  $D$ ; b)  $4F_r F_t - F_s^2 \geq C > 0$  in  $D$ ; c)  $F_z \leq 0$  in  $D$ .

The author formulates the theorem: The alternating Schwarz process for the sum of two domains converges, if (1) satisfies the conditions a), b) and c). A method is given for constructing a system of difference equations

Card 1/2

On the solution of the Dirichlet ...

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C111/C333

$$F_h(z_1) = 0 \quad (2)$$

which approximate (1). Hereby system (2) is soluble and has a unique solution which for  $h \rightarrow 0$  converges to the solution of the Dirichlet problem for (1). The iteration method of Liebman can be used to solve (2).

[Abstracter's note: Complete translation.]

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16. 6800

S/044/62/000/006/118/127  
B162/B102

AUTHOR: Dzhabarzada, R. M.

TITLE: Standard sub-routine for resolving systems of ordinary differential equations

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 75, abstract .6V402 (Tr. Vses. soveshchaniya po vychisl. matem. i. primeneniyu sredstv vychisl. tekhn., Baku, AN AzerbSSR, 1961, 36 - 38)

TEXT: A standard program is described which was compiled in the Vychislitel'nyy tsentr MGU (Computer Center of MGU) for the numerical solution of a system of the form:

$$y_i' = f_i(x, y_1, \dots, y_n)$$

$$y_i(x_0) = y_{i0} \quad (i = 1, 2, \dots, n)$$

from the Runge-Kutta formulas with  $m \leq 127$ . The system can be integrated at the wish of the user with an absolute or relative accuracy, with a constant step or with automatic selection of the step. The possibility of

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Standard sub-routine for...

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B162/B102

selecting the step for evaluation of the error "in a non-standard way" is envisaged. A short description of the program is given. [Abstracter's note: Complete translation.]

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Card 2/2

DZHABAR-ZADE, R.M.

Schwarz's alternating method for solving Dirichlet's problem for  
nonlinear equations. Vych. met. i prog. 1:120-140 '62.

(Difference equations) (Functional analysis) (MIRA 15:8)

GROMOVA, L.G.; DZHABAR-ZADE, R.M.

A standard program using the Runge-Kutta method for integrating  
systems of ordinary differential equations. Vych. met. i prog.  
1:278-292 '62. (MIRA 15:8)  
(Differential equations--Numerical solutions) (Integrals)

DZHABAR-ZADE, R.M.

Objective analysis of synoptic maps. Trudy AANII 240:49-51  
'61. (MIRA 15:3)  
(Numerical weather forecasting)

AUTHOR: Dzhabar-Zade, R. M.

TITLE: Schwarz's alternating method for the solution of the Dirichlet problem for nonlinear equations.

SOURCE: Vychislitel'nyye metody i programmirovaniye; sbornik rabot Vychislitel'nogo tsentra Moskovskogo universiteta. no. 1. Ed. by N. P. Trifonov, G. S. Roslyakov, and Ye. A. Zhogolev. [Moscow] Izd-vo Mosk. un-ta, 1962, 120-140.

TEXT: The objective of the paper is the solution of the Dirichlet problem for the nonlinear equation  $F(x, y, z, p, q, r, s, t) = 0$  (1), of second order, with two independent variables,  $x$  and  $y$ . Accepting Hopf's proof of the theorem of the uniqueness of the solution of the Dirichlet problem for that equation, proof is provided for the validity of the application of Schwarz's alternating method for the sum of two regions under the premise that we are in fact to find the solution for Equation (1) for a region  $D$  which can be conceived as a sum of a finite number of circles of sufficiently small radii. A second reason for the use of the Schwarz method consists in the fact that a finite-difference analog of the Schwarz method permits one to prove the existence of a solution of the finite-difference analog of Equation (1) and thereby to substantiate

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Schwarz's alternating method for the solution ....

5/794/62/000/001/005/010

the so-called Liebmann method. An analysis made of the so-called "positive approximation" of an elliptical operator by means of a difference operator. Proof is provided of the existence and uniqueness of the solution of a difference equation that corresponds to Equation (1), and the convergence of the solution of the difference equation with the solution of the differential equation is investigated. Here, for the purpose of proving the theorem of the existence of a solution of the difference equation, the finite-difference analog of Schwarz's alternating method is applied. The uniqueness of the solution of the difference equation and the convergence of the solution of the finite-difference equation and that of the differential equation are proved in the same manner previously investigated by Bers, L., (J. Res., NBS, v.51, 1953, 5), in which an equation of more particular type:  $\Delta z = F(x, y, z, p, q)$ , was examined. Lastly, the results of the method set forth in the paper are applicable to the solution of an equation of the Monge-Ampère type which arises in numerical weather forecasting for the determination of the stream function with respect to the observed geopotential. There are 9 references (5 Russian-language Soviet, 2 German, of which 1 in Russian translation, and 2 English-language, of which 1 in Russian translation).

Card 2/2

AUTHORS: Gromova, L.G., Dzhabar-Zade, R.M. S/794/62/000/001/009/010

TITLE: Standard program for the integration of systems of ordinary differential equations by the Runge-Kutta method.

SOURCE: Vychislitel'nyye metody i programmirovaniye; sbornik rabot Vychislitel'nogo tsentra Moskovskogo universiteta. no. 1. Ed. by N.P. Trifonov, G.S. Roslyakov, and Ye. A. Zhogolev. [Moscow] Izd-vo Mosk. un-ta, 1962, 278-292.

TEXT: The paper constitutes a contribution to the setting up of an ensemble of standard computing methods comprising several variants which have different characteristics relative to the speed of operation, the volume of the memory required, the simplicity of its use, universality, etc., and which, therefore, may each be more directly suitable for a given problem. The program proposed here is intended for the numerical integration of systems of  $m$  ordinary differential equations of the type  $dy_i/dx = f_i(x, y_1, y_2, \dots, y_n)$ , where  $i=1, 2, \dots, m$ , or its equivalent vector expression,  $d\vec{y}/dx = \vec{F}(x, \vec{y})$ , with the initial conditions  $\vec{y}|_{x=x_0} = \vec{y}_0$ , according to the Runge-Kutta formulas of the fourth order of accuracy. The process of numerical integra-

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Standard program for the integration of ....

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tion consists of successive stages, in each of which the known value of the solution  $\bar{y}(x_n)$  and the magnitude of the step  $h_n$  are used to calculate the value  $\bar{y}(x_{n+1})$  according to the Runge-Kutta formula. The computation program, the algorithm of the automatic selection of the step, the distribution of the operational circuit units, the logical program scheme, and the nonstandard operators used are described. There is 1 Russian-language Soviet reference: Ryabenkiy, V.S., Filippov, A.F., Ob ustoychivosti raznostnykh skhem (On the stability of difference schemes), Gostekhizdat, Moscow, 1956.

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"APPROVED FOR RELEASE: 03/20/2001

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NO RZF 5-DV: 002

OTHER: 000

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000411820006-9"

72-1-1  
TITLE: Synthesis of esters of tetrachlorophthalic acid "

**"APPROVED FOR RELEASE: 03/20/2001**

**CIA-RDP86-00513R000411820006-9**

**APPROVED FOR RELEASE: 03/20/2001**

**CIA-RDP86-00513R000411820006-9"**

GUSEYNOV, M.M.; DZHABARZADE, Sh.A.; AKHUNDOVA, M.R.; GASANOVA, S.G.

Oxidizing chlorination of propylene in a fluidized bed of a  
diluted catalyst. Azerb. khim. zhur. no. 2:31-33 '65.  
(MIRA 18:12)  
1. Institut neftekhimicheskikh protsessov AN AzerSSR. Submitted  
March 18, 1964.

DZHABASOV, M.Kh.

Water capacity of Carbonaceous effusive rocks of the upper Tokrau  
River basin. Vest.AN Kazakh.SSR 16 no.12:57-65 D '60.

(MIRA 14:1)

(Tokrau Valley--Water, Underground)

(Rocks, Igneous)

DZHABASOV, M.Kh.

Conditions governing the formation of underground waters in the  
upper part of the Tokrau Basin (northern Lake Balkhash region).  
Trudy Inst. geol. nauk AN Kazakh. SSR 9:52-88 '64.

(MIRA 17:11)

DZHABASOV, M.Kh.; BATABERGENOVA, M.Sh.

Formation of underground waters in the lower Karatal Valley  
(southern part of the Lake Balkhash region). Trudy Inst. geol.  
nauk AN Kazakh.SSR no.14:131-137 '65. (MIRA 19:1)

DZHABAZISHVILI, Ya.S.

Distribution of the bark beetle *Ips typographus* L. in Georgia. Soob.  
AN Gruz.SSR 23 no.6:709-711 D '59. (MIRA 13:6)

1. AN Gruz.SSR.Gosudarstvennyy Muzei Gruzii im.akadS.N.Dzhanashia  
Tbilisi. Predstavleno chlenom-korrespondentom Akademii L.P.  
Kalandadze.

(Georgia--Bark beetles)



DZHABBAR, O.S.

Dynamic synthesis of plane four-joint mechanisms with a  
given law of motion and transmission angle. Izv. AN Uz.  
SSR. Ser. tekhn. nauk 8 no.1:34-37 '64. (MIRA 17:6)

1. Institut mekhaniki AN Uzbekskoy SSR.

DZHABBAR, O.K.

Using electronic digital computer for the synthesis of optimum efficiency screw-cam mechanism. Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no.4:51-56 '65. (MIRA 18:10)

1. Institut mekhaniki AN UzSSR i Vychislitel'nyy tsentr AN UzSSR.

DZHABBAROV, Kh. D.

Cand Biol Sci - (diss) "Comparative study of the origin of phases of growth and harvestibility of cotton given various numbers of plants in nests under conditions of Kara-Kalpakia." Tashkent, 1961. 16 pp; (Academy of Sciences Uzbek SSR, Inst of Genetics and Physiology of Plants); 175 copies; price not given; (KL, 10-61 sup, 210)

DZHABBAROV, M.

High pledges. Prof.-tekh. obr. 21 no.7:14, 31 '64. (MIRA 17:11)

1. Direktor Fskentskogo sel'skogo professional'no-tehnicheskogo  
uchilishcha No.15, Uzbekskaya SSR.

DZHABIROV, A.; ORDYNSKIY, I.; KHOBOTOV, N., pensioner; TOMUS, Ye.,  
domokhozyayka; GUTKOVSKAYA, R., KRYLOVSKAYA, L.

Saran' today. Mast.ugl. 8 no.9:19-21 S '59.

(MIRA 13:2)

1. Karagandinskiy ugol'nyy basseyn. 2. Brigadir dobychnoy shakhty No.106 g.Saran' (for Dzhabirov). 3. Predsedatel' postoyanno deystvuyushchey komisii obshchestvennogo kontrolya za rabotoy otdela rabochego snabzheniya g.Saran' (for Ordynskiy)
  4. Literaturnyy sotrudnik gorodskoy gazety "Golos shakhtera," g.Saran' (for Gutkovskaya). 5. Spetsial'nyy korrespondent zhurnala "Master uglya" (for Krylovskaya).
- (Karaganda Basin—Cities and towns)

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